

WHAT IS CLAIMED IS:

1. A device for destroying used syringe needles, comprising
a frequency converter disposed in a housing; and
5 a coil connected to output terminals of the frequency converter at two
ends so that the frequency converter can power the coil with high
frequency current for the coil to produce high temperatures when
activated; the coil having ring-shaped portions defining a middle
hole under a through hole of an upper side of the housing for
10 allowing needles to be passed into via the through hole ;
whereby used syringe needles are melted and sterilized by heat
produced by the coil after having been passed into the middle hole
of the coil.
2. The device for destroying used syringe needles as claimed in claim 1,
15 wherein a sensor is disposed in the housing, and connected to the
frequency converter in order to activate the frequency converter when
sensing presence of syringe needles in the middle hole of the coil.
3. The device for destroying used syringe needles as claimed in claim 1,
wherein the housing has an opening on a lateral side thereof, and a
20 collecting sink is passed into the housing via the opening and disposed
under the ring-shaped portions of the coil for containing molten
needles therein.